



CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 09/26/00

AGENDA ITEM " "

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Improvement to Hesperian Boulevard and Industrial Boulevard Intersection:
Approval of Addendum No. 1, Award of Contract, and Appropriation of Funds

RECOMMENDATION:

It is recommended that the City Council approve the attached resolutions that:

1. Approve Addendum No. 1, which makes minor changes to the specifications;
2. Award the contract to Redgwick Construction Company, in the amount of \$309,520.25; and
3. Appropriate an additional \$8 1,000 in the Transportation System Improvement Fund to complete the project.

BACKGROUND:

On July 18, 2000, the City Council approved the plans and specifications and called for bids to be received on September 7, 2000.

This project extends the free right-turn lane from eastbound Industrial Boulevard to southbound Hesperian Boulevard and installs an additional left-turn lane on both northbound and southbound Hesperian Boulevard, which is intended to reduce rear-end collisions. In addition, a portion of Industrial Boulevard will be overlaid with AC pavement and the intersection traffic signals will be modified. Exhibits B and C show the existing and proposed roadway geometry. An addendum was issued to update the Federal Minimum Wage Rate.

On September 7, 2000, three bids were received. Wedgwick Construction Company of Hayward submitted the low bid in the amount of \$309,520.25, which is 35.7 percent above the Engineer's Estimate of \$228,000. Granite Construction Company of Watsonville submitted the second lowest bid in the amount of \$311,442.00, which is 36.6 percent above the Engineer's Estimate and \$1,921.75 more than the low bid. Bids ranged from \$309,520.25 to \$325,495.00. Although the low bid is substantially higher than the Engineer's Estimate, staff feels there would be no benefit to re-bidding the project. Prices received on other projects this

summer reflect high construction costs that are most likely due to higher asphalt and electrical prices and a highly saturated construction market.

The federal Disadvantaged Business Enterprise (DBE) goal of 9 percent established for this federally funded project includes both Disadvantaged Business Enterprise (DBE) and Women-Owned Business Enterprise (WBE). Redgwick Construction Company listed DBE participation at 10.1 percent, which meets the established goal.

PROJECT COSTS:

The estimated project costs are as follows:

Construction Cost	\$ 309,520.25
Design and Administration	10,000.00
Inspection and Survey	17,400.00
TOTAL	<u>\$ 336,920.25</u>

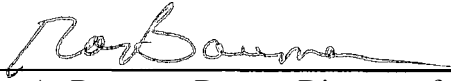
FUNDING:

A total of \$256,000 is approved in the 2000/2001 Capital Improvement Program under the Transportation System Improvement Fund. The City will be reimbursed \$256,000 by the federal Hazard Elimination Safety Program. An additional appropriation of \$81,000 is needed to complete the project. The developer for the South of 92 Project has agreed to reimburse the City the additional \$81,000, since this work benefits their project.

SCHEDULE:

Award Contract	September 26, 2000
Begin Work	October 23, 2000
Complete Work	March 11, 2001

Prepared by:




Robert A. Bauman, Deputy Director of Public Works

Recommended by:



Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

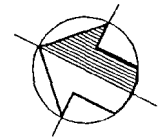
Attachments: Exhibit A: Project Location Map
 Exhibit B: Existing Roadway Geometry
 Exhibit C: Proposed Roadway Geometry
 Exhibit D: Summary of Bids

[illegible]

Exhibit B

HESPERIAN/ INDUSTRIAL BLVD INTERSECTION IMPROVEMENT

PROPOSED ROADWAY GEOMETRY



NO CHANGE

REPLACE EXISTING SIGNALS
TO ACCOMMODATE LEFT TURN TRAFFIC

NEW THROUGH LANE

CONVERT STRAIGHT THRU
LANE TO LEFT TURN LANE

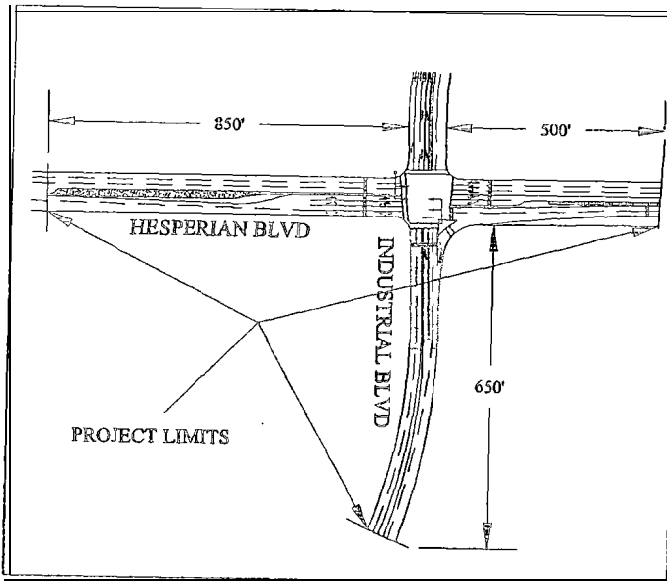
LENGTHEN RIGHT TURN MERGE LANE

2" AC OVERLAY

LENGTHEN LEFT TURN LANE

HESPERIAN BLVD

INDUSTRIAL BLVD



CITY OF HAYWARD
IMPROVEMENTS TO HESPERIAN BLVD. & INDUSTRIAL BLVD. INTERSECTION
PROJECT NO. 5708; FEDERAL PROGRAM NO. STPLHG-5050(022)
BIDS OPENED: AUGUST 29, 2000

(NUMBER OF BIDS RECEIVED - 3)

Page 1 of 4

BIDSUMMARY				ENGINEER'S ESTIMATE		REDGWICK CONST. CO. 25599 HUNTWOOD AVENUE HAYWARD CA 94544 (510) 782-0400		GRANITE CONST. COMPANY P.O. BOX 50085 WATSONVILLE CA 95077 (831) 724-1011	
ITEM	QUANTITY	UNIT	DESCRIPTION	ICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	TRAFFIC CONTROL	6,000.00	6,000.00	18,000.00	18,000.00	11,000.00	11,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	1,000.00	1,000.00	2,000.00	2,000.00	5,800.00	5,800.00
3	1	EA	RELOCATE FENCE	1,500.00	1,500.00	5,600.00	5,600.00	5,000.00	5,000.00
4	1	EA	RELOCATE EXISTING STREET LIGHT AND PULL BOX	1,500.00	1,500.00	5,000.00	5,000.00	11,500.00	11,500.00
5	145	LF	REMOVE CONC: CURB AND GUTTER	10.00	1,450.00	13.00	1,885.00	6.00	870.00
6	460	LF	REMOVE CONC: MEDIAN ISLAND CURB	10.00	4,600.00	10.00	4,600.00	7.00	3,220.00
7	1	LS	ROCKS WITHIN MEDIAN ISLAND	1,000.00	1,000.00	2,000.00	2,000.00	3,000.00	3,000.00
8	1	LS	REMOVE EX. STRIPING, MARKINGS & MARKERS	2,000.00	2,000.00	5,000.00	5,000.00	5,000.00	5,000.00
9	205	LF	REMOVE AC BERM	5.00	1,025.00	7.00	1,435.00	5.00	1,025.00
10	1	LS	CLEARING & GRUBBING	5,000.00	5,000.00	7,000.00	7,000.00	2,500.00	2,500.00
11(F)	220	CY	ROADWAY EXCAVATION	12.00	2,640.00	50.00	11,000.00	56.00	12,320.00
12	275	TN	ASPHALT CONCRETE (2" OVERLAY)	50.00	13,750.00	80.00	22,000.00	100.00	27,500.00
13	470	TN	ASPHALT CONCRET (1.09' - 1.25' DEEP-LIFT)	50.00	23,500.00	80.00	37,600.00	84.00	39,480.00
14	150	LF	ASPHALT CONCRETE BERM	10.00	1,500.00	17.00	2,550.00	15.00	2,250.00
15	200	SY	GRIND ASPHALT CONCRETE	10.00	2,000.00	40.00	8,000.00	25.00	5,000.00
16	400	LF	MINOR CONCRETE (CURB & GUTTER)	12.00	4,800.00	27.00	10,800.00	12.00	4,800.00
17	500	LF	MINOR CONCRETE (MEDIAN ISLAND CURB)	10.00	5,000.00	15.00	7,500.00	10.00	5,000.00
18	850	SF	MINOR CONCRETE (MEDIAN ISLAND SEEDED AGGREGATE CAP)	8.00	6,800.00	9.00	7,650.00	10.00	8,500.00

Exhibit D

CITY OF HAYWARD
 IMPROVEMENTS TO HESPERIAN BLVD. & INDUSTRIAL BLVD. INTERSECTION
 PROJECT NO. 5708; FEDERAL PROGRAM NO. STPLHG-5050(022)
 BIDS OPENED: AUGUST 29, 2000

(NUMBER OF BIDS RECEIVED - 3)

Page 2 of 4

BID SUMMARY				ENGINEER'S ESTIMATE		REDGWICK CONST. CO. 25599 HUNTWOOD AVENUE HAYWARD CA 94544 (5 10) 782-0400		GRANITE CONST. COMPANY P.O. BOX 50085 WATSONVILLE CA 95077 (831) 724-1011	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
19	1	EA	INSTALL NEW MONUMENT POT & ADJUST TO GRADE	400.00	400.00	700.00	700.00	625.00	625.00
20	3	EA	ADJUST WATER VALVE TO GRADE	250.00	750.00	300.00	900.00	575.00	1,725.00
21	3	EA	POTHOLE AND VERIFY EXISTING UTILITIES	600.00	1,800.00	400.00	1,200.00	400.00	1,200.00
22(S)	1	LS	TRAFFIC SIGNAL MODIFICATIONS - HESPERIAN BLVD AT INDUSTRIAL BLVD	61,358.00	61,358.00	93,000.00	93,000.00	99,000.00	99,000.00
23	74	EA	DETECTOR LOOPS	260.00	19,240.00	200.00	14,800.00	225.00	16,650.00
24	3	EA	REMOVE, SALVAGE, AND INSTALL ROADSIDE SIGN	175.00	525.00	300.00	900.00	450.00	1,350.00
25	1	LS	TEMPORARY STRIPING	2,000.00	2,000.00	3,000.00	3,000.00	4,200.00	4,200.00
26	4,510	LF	4" THERMOPLASTIC STRIPE (YELLOW)	4.00	18,040.00	1.00	4,510.00	0.70	3,157.00
27	1,672	LF	8" THERMOPLASTIC TRAFFIC STRIPE	4.50	7,524.00	1.75	2,926.00	1.50	2,508.00
28	376	SF	12" THERMOPLASTIC TRAFFIC STRIPE (CROSSWALK)	5.00	1,880.00	3.50	1,316.00	3.00	1,128.00
29	834	SF	THERMOPLASTIC PAVEMENT MARKINGS	9.00	7,506.00	5.25	4,378.50	5.00	4,170.00
30	223	EA	PAVEMENT MARKER (TYPE A)	8.00	1,784.00	3.50	780.50	3.00	669.00
31	180	EA	PAVEMENT MARKER (TYPE D)	8.00	1,440.00	5.75	1,035.00	5.00	900.00
32	70	EA	PAVEMENT MARKER (TYPE G)	8.00	560.00	5.75	402.50	5.00	350.00
33	9	EA	PAVEMENT MARKER (TYPE H)	8.00	72.00	5.75	51.75	5.00	45.00
34	1	LS	ADMINISTRATIVE CHANGE ORDERS	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
			TOTAL		229,944.00		309,520.25		311,442.00

CITY OF HAYWARD
 IMPROVEMENTS TO HESPERIAN BLVD. & INDUSTIRAL BLVD. INTERSECTION
 PROJECT NO. 5708; FEDERAL PROGRAM NO. STPLHG-5050(022)
 BIDS OPENED: AUGUST 29, 2000

(NUMBER OF BIDS RECEIVED - 3)

Page 3 of 4

BID SUMMARY				ENGINEER'S ESTIMATE		VANGUARD CONSTRUCTION 1010 - 39TH AVENUE OAKLAND CA 94601 (510) 261-5700			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	TRAFFIC CONTROL	6,000.00	6,000.00	11,000.00	11,000.00		
2	1	LS	CONSTRUCTION AREA SIGNS	1 ,000.00	1 ,000.00	7,000.00	7,000.00		
3	1	EA	RELOCATE FENCE	1,500.00	1,500.00	5,400.00	5,400.00		
4	1	EA	RELOCATE EXISTING STREET LIGHT AND PULL BOX	1,500.00	1,500.00	1,100.00	1,100.00		
5	145	LF	REMOVE CONC: CURB AND GUTTER	10.00	1,450.00	10.00	1,450.00		
6	460	LF	REMOVE CONC: MEDIAN ISLAND CURB	10.00	4,600.00	10.00	4,600.00		
7	1	LS	ROCKS WITHIN MEDIAN ISLAND	1,000.00	1,000.00	3,000.00	3,000.00		
8	1	LS	REMOVE EX. STRIPING, MARKINGS & MARKERS	2,000.00	2,000.00	10,000.00	10,000.00		
9	205	LF	REMOVE AC BERM	5.00	1,025.00	8.00	1,640.00		
10	1	LS	CLEARING & GRUBBING	5,000.00	5,000.00	12,000.00	12,000.00		
11(F)	220	CY	ROADWAY EXCAVATION	12.00	2,640.00	80.00	17,600.00		
12	275	TN	ASPHALT CONCRETE (2" OVERLAY)	50.00	13,750.00	100.00	27,500.00		
13	470	TN	ASPHALT CONCRET (1.09' - 1.25' DEEP-LIFT)	50.00	23,500.00	60.00	28,200.00		
14	150	LF	ASPHALT CONCRETE BERM	10.00	1,500.00	10.00	1,500.00		
15	200	Sy	GRIND ASPHALT CONCRETÉ	10.00	2,000.00	40.00	8,000.00		
16	400	LF	MINOR CONCRETE (CURB & GUTTER)	12.00	4,800.00	25.00	10,000.00		
17	500	LF	MINOR CONCRETE (MEDIAN ISLAND CURB)	10.00	5,000.00	21.00	10,500.00		
18	850	SF	MINOR CONCRETE (MEDIAN ISLAND SEEDED AGGREGATE CAP)	8.00	6,800.00	15.00	12,750.00		

CITY OF HAYWARD
 IMPROVEMENTS TO HESPERIAN BLVD. & INDUSTRIAL BLVD. INTERSECTION
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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
19	1	EA	INSTALL NEW MONUMENT POT & ADJUST TO GRADE	400.00	400.00	1,000.00	1,000.00		
20	3	EA	ADJUST WATER VALVE TO GRADE	250.00	750.00	700.00	2,100.00		
21	3	EA	POTHOLE AND VERIFY EXISTING UTILITIES	600.00	1,800.00	500.00	1,500.00		
22(S)	1	LS	TRAFFIC SIGNAL MODIFICATIONS - HESPERIAN BLVD AT INDUSTRIAL BLVD	61,358.00	61,358.00	92,000.00	92,000.00		
23	74	EA	DETECTOR LOOPS	260.00	19,240.00	200.00	14,800.00		
24	3	EA	REMOVE, SALVAGE, AND INSTALL ROADSIDE SIGN	175.00	525.00	400.00	1,200.00		
25	1	LS	TEMPORARY STRIPING	2,000.00	2,000.00	5,000.00	5,000.00		
26	4,510	LF	4" THERMOPLASTIC STRIPE (YELLOW)	4.00	18,040.00	1.10	4,961.00		
27	1,672	LF	8" THERMOPLASTIC TRAFFIC STRIPE	4.50	7,524.00	1.75	2,926.00		
28	376	SF	12" THERMOPLASTIC TRAFFIC STRIPE (CROSSWALK)	5.00	1,880.00	4.00	1,504.00		
29	834	SF	THERMOPLASTIC PAVEMENT MARKINGS	9.00	7,506.00	4.00	3,336.00		
30	223	EA	PAVEMENT MARKER (TYPE A)	8.00	1,784.00	4.00	892.00		
31	180	EA	PAVEMENT MARKER (TYPE D)	8.00	1,440.00	4.00	720.00		
32	70	EA	PAVEMENT MARKER (TYPE G)	8.00	560.00	4.00	280.00		
33	9	EA	PAVEMENT MARKER (TYPE H)	8.00	72.00	4.00	36.00		
34	1	LS	ADMINISTRATIVE CHANGE ORDERS	20,000.00	20,000.00	20,000.00	20,000.00		
			TOTAL		229,944.00		325,495.00		

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDUM NO. 1 AND
AWARDING CONTRACT TO REDGWICK CONSTRUCTION
COMPANY FOR THE HESPERIAN BOULEVARD AND
INDUSTRIAL BOULEVARD INTERSECTION
IMPROVEMENTS PROJECT. PROJECT NO. 5708

WHEREAS, Addendum No. 1 was issued to make minor modifications to the plans and specifications to update the Federal Minimum Wage Rate; and

WHEREAS, by resolution on July 18, 2000, the City Council approved the plans and specifications for the Hesperian Boulevard and Industrial Boulevard Intersection Improvements Project, Project No. 5708, and called for bids to be received on September 7, 2000; and

WHEREAS, on September 7, 2000, three bids were received and Wedgwick Construction Company submitted the low bid in the amount off \$309,520.25, which is 35.7 percent above the Engineer's Estimate of \$228,000, however, staff feels that there would be no benefit to re-bidding the project as the bid reflects high construction costs due to a highly-saturated construction market.

NOW, THEREFORE, BE IT RESOLVED by the City Council off the City off Hayward that Addendum No. 1 is hereby approved and adopted as part off the plans and specifications for the project.

BE IT FURTHER RESOLVED that Redgwick Construction Company is hereby awarded the contract for the Hesperian Boulevard and Industrial Boulevard Intersection Improvements Project, Project No. 5708, in an amount not to exceed \$309520.25, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward, at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute the contract with Redgwick Construction Company in the name of and for and on behalf of the City of Hayward in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION AMENDING RESOLUTION NO. 00-089,
THE BUDGET RESOLUTION FOR CAPITAL PROJECTS
FOR FISCAL YEAR 2000-2001, RELATING TO AN
APPROPRIATION OF FUNDS FOR THE HESPERIAN
BOULEVARD AND INDUSTRIAL BOULEVARD
INTERSECTION IMPROVEMENTS PROJECT, PROJECT
NO. **5708**

BE IT RESOLVED by the City Council of the City of Hayward that Resolution No. 00-089, the Budget Resolution for Capital Projects for fiscal year 2000-2001, is hereby amended by appropriating an additional \$81,000 from the Transportation System Improvement Fund, Fund 420, to the Hesperian Boulevard and Industrial Boulevard Intersection Improvements Project, Project No. 5708.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward